Title (en)

Spindle motor control apparatus for optical disk recording device

Title (de)

Spindelmotorsteuereinrichtung für Gerät zur Aufzeichnung auf optische Scheiben

Title (fr)

Dispositif de commande de moteur de broche pour appareil d'enregistrement de disque optique

Publication

EP 1003165 A2 20000524 (EN)

Application

EP 99123021 A 19991119

Priority

JP 33002198 A 19981119

Abstract (en)

An apparatus for carrying out a fine servo control and a rough servo control with respect to the rotation of a motor (3) for rotating a recording medium (1) in accordance with information recorded on the recording medium. A fine servo signal is generated on the basis of a reproduction clock, filtered by a first filtering device (23) , and used for the fine servo control. A rough servo signal is generated on the basis of a frame synchronizing signal, filtered by a second filtering device (25), and used for the rough servo control. The first filtering device (23) has a first frequency band, and the second filtering device (25) has a second frequency band. The upper limit of the second frequency band is lower than that of the first frequency band. <IMAGE>

IPC 1-7

G11B 19/247; G11B 19/28

IPC 8 full level

G11B 7/00 (2006.01); **G11B 7/004** (2006.01); **G11B 19/247** (2006.01); **G11B 19/28** (2006.01)

CPC (source: EP)

G11B 19/247 (2013.01); **G11B 19/28** (2013.01)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1003165 A2 20000524; **EP 1003165 A3 20000809**; **EP 1003165 B1 20060329**; DE 69930576 D1 20060518; DE 69930576 T2 20061228; JP 2000156030 A 20000606; JP 3637437 B2 20050413; US 6563774 B1 20030513

DOCDB simple family (application)

EP 99123021 A 19991119; DE 69930576 T 19991119; JP 33002198 A 19981119; US 44304399 A 19991118